

Geranium Plant Named 'Fip 202'

Genus and species of the plant claimed:

*Pelargonium zonale* L'Héritier x *Pelargonium peltatum*

Variety Denomination:

5 'Fip 202'

Background of the Invention

The present invention comprises a new and distinct cultivar of geranium, botanically known as hybrid *Pelargonium*, and hereinafter referred to by the cultivar name 'Fip 202'.

10 'Fip 202' is a product of a planned breeding program which had the objective of creating new hybrid geranium cultivars with red flower color, and vigorous, but well-branched growth habit.

'Fip 202' originated from a hybridization made by the inventor, Angelika Utecht, in a controlled breeding program in Hillscheid, Germany, in 1997. The  
15 female parent was an unpatented hybrid geranium plant, no. 90-2022-8, having red single-type flowers, dark-green foliage with strong zonation and fairly vigorous growth. The male parent of 'Fip 202' was the unpatented ivy geranium seedling no. 95-337-18, having salmon-red, double flowers, medium green leaves without zonation, and medium to strong growth habit.

20 'Fip 202' was selected as one flowering plant within the progeny of the stated cross by Angelika Utecht in 1998 in a controlled environment in Moncarapacho, Portugal.

The first act of asexual reproduction of 'Fip 202' was accomplished when vegetative cuttings were taken from the initial selection in the fall of 1998, in a controlled environment in Moncarapacho, Portugal, by, or under the supervision of, Angelika Utecht.

5 Horticultural examination of plants grown from cuttings of the plant initiated in May 1999, in Hilscheid, Federal Republic of Germany, and continuing thereafter, has demonstrated that the combination of characteristics as herein disclosed for 'Fip 202' are firmly fixed and are retained through successive generations of asexual reproduction.

10 'Fip 202' has not been observed under all possible environmental conditions. The phenotype may vary significantly with variations in environment such as temperature, light intensity and day length.

The following observations, measurements, and comparisons describe plants grown in Hilscheid, Germany, under greenhouse conditions which approximate those  
15 generally used in commercial practice.

#### Brief Summary of the Invention

The following traits have been repeatedly observed and are determined to be basic characteristics of 'Fip 202' in combination distinguish this geranium as a new  
20 and distinct cultivar:

1. Orange-red, medium sized flowers;
2. Numerous, compact, semi-spherically shaped inflorescences;
3. Dark-green foliage with strong zonation;
4. Bushy, mostly round, little spreading or overhanging plant habit;

5. Relatively late flowering response, but floriferous;
6. Good tolerance to rain and heat; and
7. Suitable as a robust plant for landscaping, requiring little care.

Of the many commercial cultivars known to the present inventor, the most  
5 similar in comparison to 'Fip 202' is the patented variety 'Fisgren' (U.S. Plant Patent  
no. 12,451).

In comparison to 'Fisgren', 'Fip 202' a somewhat different flower color, much  
more petals per corolla, smaller and darker green leaves, shorter and deeper red  
colored peduncles, and more compact plant habit.

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#### Brief Description of the Drawing

The accompanying photographic drawing shows typical flower and foliage  
characteristics of 'Fip 202' with colors being as true as possible with an illustration of  
this type. The photographic drawing shows a 'Fip 202' plant in a hanging basket.

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#### Detailed Botanical Description

The measurements were taken in Hillscheid, Germany, in mid May, 12 weeks  
after planting of rooted cuttings. The plants were growing in 14 cm pots, they had not  
been pinched.

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In the following description color references are made to the Royal  
Horticultural Society Color Chart. The color values were determined indoors from  
plants growing in a greenhouse in May 2003, in Hillscheid, Germany.

## INFLORESCENCE

### Umbel:

- Shape: Semi-spherical, tight
- Average diameter: 91 mm
- 5 Average depth: 45 mm
- Peduncle length: 139 mm
- Peduncle color: Partly green, RHS 137 D, mainly reddish brown, RHS 184 A
- Pedice l: 28 mm in length, spur occasionally visible just below the flower
- Pedice l color: Dark brown, RHS 183 C
- 10 Number of flowers per umbel: Approximately 20-30

### Corolla:

- Average diameter: 46 mm
- Form: Double
- Shape: Round outline, many petals arranged horizontally to  
15 nearly vertically
- Number of petals: 20-25
- Shape of petals: Obovate, base acute, upper end is truncate or rounded,  
margin is entire or very weakly crenated
- Size of petals: Upper petals: 20 mm long, 11 mm wide;  
20 lower petals: 18-20 mm long, 12 mm wide
- Color (general tonality from a distance of three meters): Orange red, uniform
- Color of upper petals: Main part RHS 43 A
- Markings of upper petals: Two dark veins, RHS 187 D, weak, most often  
not visible, as covered by inner petals

Color of lower petals: RHS 43 A

Markings of lower petals: None

Color of lower surface of petals: RHS 41 A, relatively uniform

5      Color of sepals:      Outer surface: light green, RHS 144 A; inner surface:  
light green, RHS 144 B

Number of sepals: 5, occasionally an incomplete 6<sup>th</sup> can be found

Shape of sepals: Linear to lanceolate, acute tip, base sessile, surface with  
weak pubescence, margin entire

10      Size of sepals: 7-8 mm long, 4 mm wide for the largest upper sepal,  
2 mm in width for the other sepals

Bud: (just prior to petals unfolding)

Shape: Wide elliptical to nearly round

Color of sepals: Light green, RHS 143 C

Color of petals: RHS 43 A

15      Length: 17-18 mm

Width: 10-13 mm

#### REPRODUCTIVE ORGANS:

20      Androecium: 2-5 fertile anthers, moderate pollen, yellow-orange,  
RHS 28 A, lower side of anthers blackish, RHS 187 A,  
filaments white, RHS 155 D, to light-pink, RHS 52 D

Gynoecium: One pistil, style whitish, stigma RHS 42 A, 5- 6-lobed

Fertility/seed set: No seed set observed, most probably not fertile

Spring flowering response period: In Hillscheid, Germany, in 2001 plants  
had on average 0.2 flowers opened 9 weeks after  
planting of rooted cuttings

Outdoor flower production: Continuously and rich flowering, the flower  
5 count in 2003 in Hillscheid, Germany, indicated only  
about 1-2 inflorescence per plant in mid May, but later  
up to 14 inflorescences per plant.

Durability: Good stability of flower color, no fading, good heat tolerance, good  
rain resistance

10 Lastingness of the individual flower: About 8 days at 18°C, about 15 days for  
the umbel

Fragrance: None

## PLANT

15 Foliage:

Shape: Nearly round, with cordate base, with the gap between the  
lowest lobes mostly closed, apex with weak lobes, which are  
somewhat stronger than those of *Pelargonium zonale* varieties,  
but much weaker than those of most *Pelargonium peltatum*  
20 varieties

Margin: Bicrenated

Texture: Upper surface smooth, dull

Size of leaf: About 80 mm wide, 45 mm long

Color of upper surface: Dark-green, approximately RHS 137 A  
Zonation: Relatively narrow, brown, about RHS 166 A  
Color of lower surface: RHS 137 C to RHS 137 D  
Petioles: 60-65 mm long, 3 mm diameter, green in color,  
5 approximately RHS 137 C

General appearance and form:

Stem color: Green, RHS 137 D, partly reddish-brown, RHS 184 A  
Internode length: 10-15 mm  
Branching pattern: 7-10 branches  
10 Size of plants: Height 24.5 cm, 27.1 cm wide (12-week-old plants, as  
described), measured from the top of the soil (base of  
the main stem) to the surface of the foliage canopy,  
without inflorescences

Plant habit: The plant habit of 'Fip 202' is closer to that of zonal geranium  
15 varieties than to ivy geranium varieties. When planted in tubs it  
develops mainly into a bushy, rounded and wide plant, only when  
growing very tall the branches may be overhanging